

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application

Carlin *et al.*Application Number: 09/457,724
Filed December 10, 1999For: WIDEBAND COMMUNICATION
INTERCEPT AND DIRECTION FINDING
DEVICE USING HYPERCHANNELIZATIONArt Unit 2834
Examiner : to be assignedHonorable Assistant Commissioner
for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to an examination on the merits, please amend the above identified application

as follows:

IN THE CLAIMS: ✓ ✓ ✓

Please add claims 62-105 as follows:

62. A method according to claim 19, wherein said step of hyperchannelizing said plurality of sub-band signals further includes a step of filtering said plurality of complex spectral component streams for data streams with bandwidths falling within a range or ranges of interest.
63. A method according to claim 19, wherein said step of hyperchannelizing said plurality of sub-band signals further includes a step of selecting data streams with one or more bandwidths of interest from said plurality of complex spectral component streams.
64. A method according to claim 19, wherein said step of hyperchannelizing said plurality of sub-band signals further includes a step of decimating said plurality of complex spectral components.